

## **ABSTRACT OF THE DISCLOSURE**

A method and system of controlling a multicast transmission. The method and system transmits a data packet to multiple slave devices across a UWB wireless network, and detects the reception of any acknowledgement transmissions. These acknowledgement transmissions indicate reception of the data packet by the slave devices. In addition, the method and system retransmit the data packet to at least one of the slave devices when an acknowledgment is not detected for each of the slave devices. The acknowledgments may be received from the UWB network.